V.A.T.S.

VOCAL - ANNOUNCEMENT - TEST - SYSTEM

OPERATOR MANUAL

LD-2 SERIES

IPCS

INTERNATIONAL PRISON CONTROL SYSTEMS CORP.

OPERATOR MANUAL

FOR

VOCAL ANNOUNCEMENT TEST SYSTEM
(V.A.T.S.)

IPCS LD-2 SERIES MODEL NO. VATS-001B

Quick operations reference and diagnostics.

For complete schematics and manual refer to the full red-book-technical manual included with your V.A.T.S. unit.

This manual provides instructions intended for the operation of the IPCS VOCAL ANNOUNCEMENT TEST SYSTEM model no. VATS-001B. This manual is not to be reproduced without written consent of IPCS Corp. All information contained herein applies to all LD-2 models unless otherwise specified.

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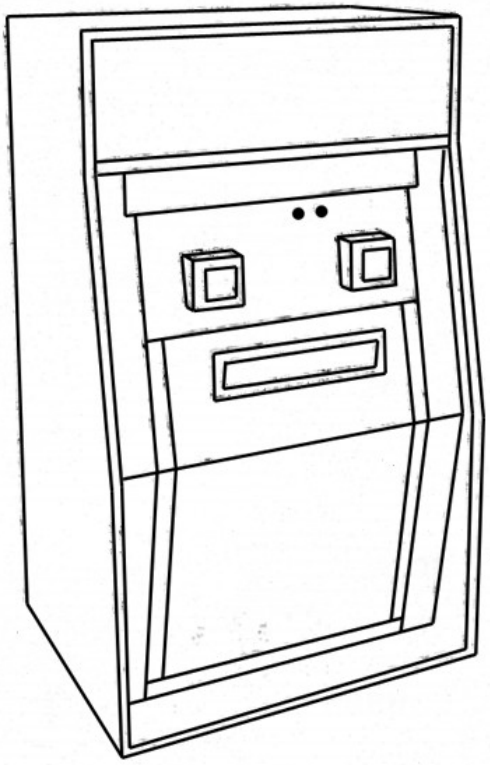
TABLE OF CONTENTS

Section	Page
SPECIFICATIONS	1
ASSEMBLY	2
OPERATION	3
MAINTENANCE	4
DIAGNOSTIC INDICATORS	5
LOGIC BOARD CONTROLLER	6
TROUBLE SHOOTING	7
*MANUAL ENCOURAGEMENT *TEST CODES	
SERVICE	8
PARTS ORDERING	8
NOTES	9

SPECIFICATIONS

UNIT:	VOCAL ANNOUNCEMENT TEST SYSTEM
MODEL NO:	VATS-001B LD-2
SIZE:	62"H x 37"W x 27"D
WEIGHT:	387lbs
WEIGHT CRATED:	415lbs
POWER:	230v 4.5A
SERIAL NO:	#000127
DATE:	NOV 05 1979



VATS-001B (LD-2 Shown)

ASSEMBLY

Assembly of the V.A.T.S. unit should be performed under the guidance of a qualified IPCS technician. Unsupervised assembly will invalidate your IPCS warranty.

(1) STEP ONE

Remove the V.A.T.S. unit from the packaging material.

(2) STEP TWO

Place upright in stable location.

(3) STEP THREE

Attach com-link cable and connect power source.

(4) STEP FOUR

Observe status light indicators and startup sequence.

(5) STEP FIVE

Insert V.A.T.S. test Tape Cartridge.
(up to Three (3) cartridges may be inserted into LD-2 models)

(6) STEP SIX

Upon final startup apply automation encouragement hammer to chassis.

Operation o

The unit is

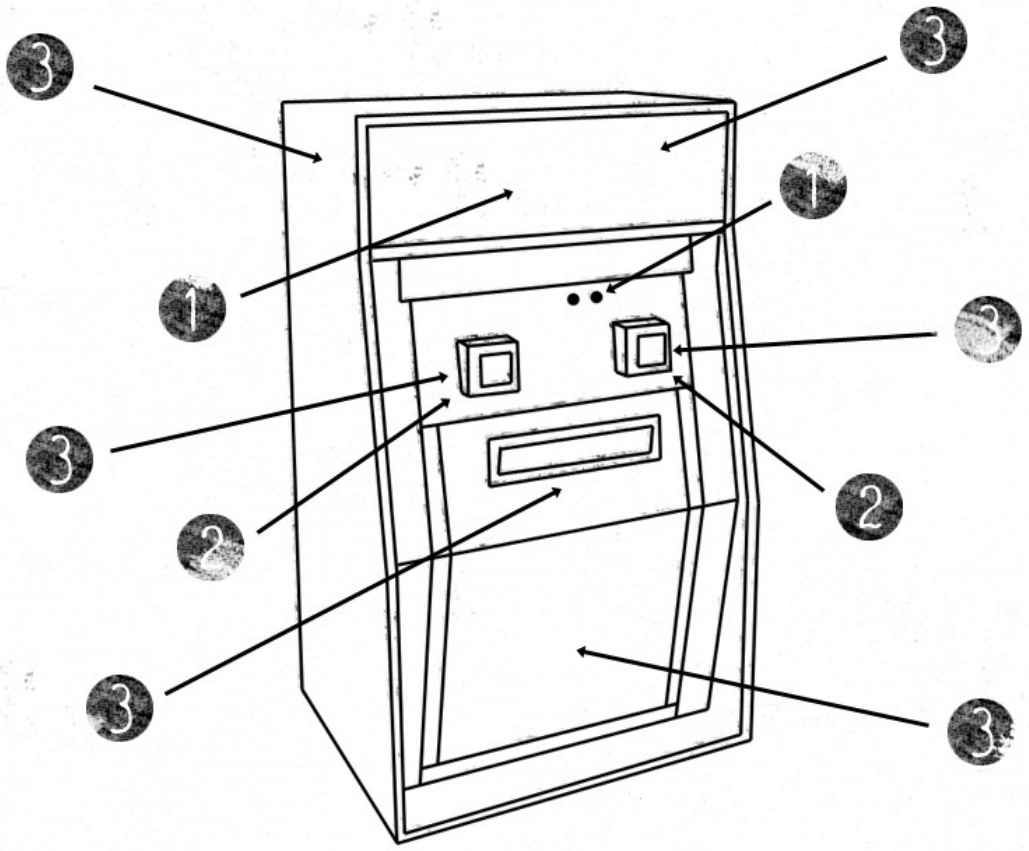
INITIAL
SEQ 05

TEST A
SEQ 06A

BUT
SEQ

MAINTENANCE

Frequent scheduled service of your V.A.T.S. unit is required for optimal operation. Clean the exterior of the unit weekly with a hypo-allergenic paraben-free, free range and vegan cloth and fresh de-ionized reverse-spun radical free water. In addition, adherence to the below maintenance schedule is mandatory.



V.A.T.S. MAINTENANCE SCHEDULE:	FREQUENCY
1 - METHOD "E" PLASTIC POLISH APPLICATION	MONTHLY
2 - HIGH VISCOCITY PETROLEUM LUBRICANT	BI-MONTHLY
3 - AUTOMATION ENCOURAGEMENT HAMMER	DAILY AS NEEDED

DIAGNOSTIC INDICATORS

LED STATUS INDICATORS

The LED Status Indicators display the power and computational status of the V.A.T.S. unit.

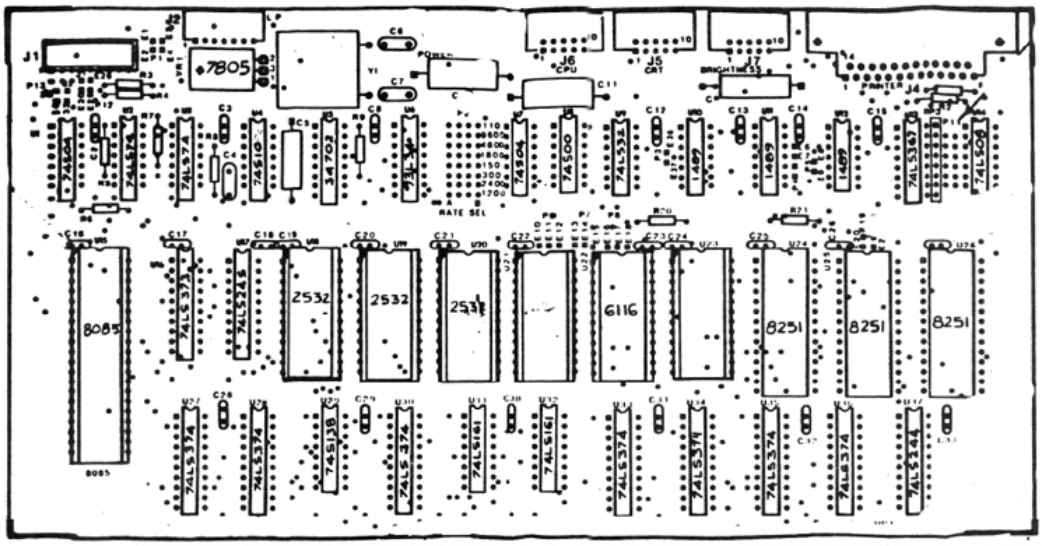
DARK POWER OFF	WHITE SOLID STATUS OK	WHITE STROBE TEST ACTIVE	RED FLASH OPERATOR ERROR

PLASMA INPUT FEEDBACK DISPLAY

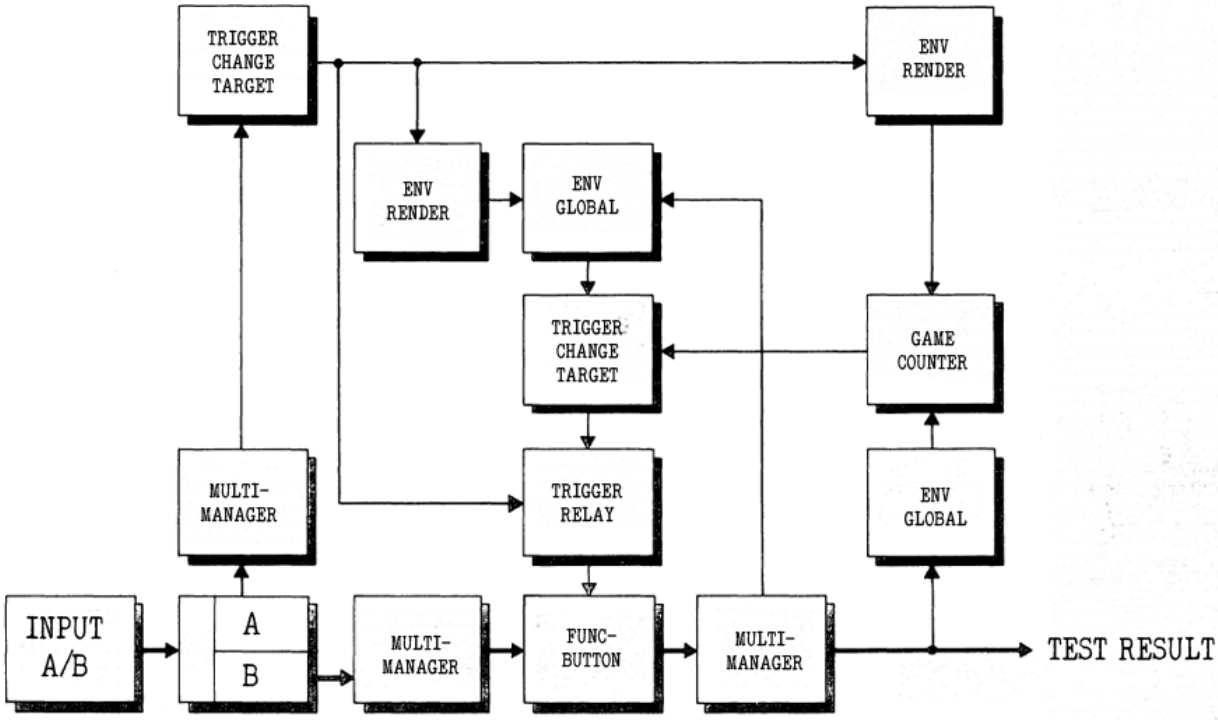
The plasma input feedback display shows operator inputs and unit feedback.

LOGIC BOARD CONTROLLER

VAIOC-PCB02



VOCAL ANNOUNCEMENT INPUT OUTPUT CONTROLLER (VAIOC-PCB02)



NOTE: THIS DIAGRAM APPLIES TO LD-2 SERIES CONTROLLER.
REFER TO UNIT SPECIFIC SCHEMATIC FOR LD-1 SERIES CONTROLLER.

WARNING: VAIOC-PCB02 for LD-2 units ONLY. Installation of VAIOC-PCB02 into LD-1 models may result in activation of the thermal self detonation device.

TROUBLE SHOOTING

MANUAL ENCOURAGEMENT

Manual encouragement may be necessary for fault resolution.
The following faults may be resolved by the operator:

fault	resolution
LOW OR NO VOLUME	APPLY AUTOMATION ENCOURAGEMENT HAMMER
SLOW TAPE CARTRIDGE TRACK SELECTION	APPLY AUTOMATION ENCOURAGEMENT HAMMER
INTERMITTENT STATUS INDICATOR LIGHT	APPLY AUTOMATION ENCOURAGEMENT HAMMER
REPETITION OF TEST ANNOUNCEMENTS	APPLY AUTOMATION ENCOURAGEMENT HAMMER
PROFESSED LOVE FROM V.A.T.S. UNIT	APPLY AUTOMATION ENCOURAGEMENT HAMMER

TEST CODES

The V.A.T.S LD-2. supports 64 programmable operator codes. Three (3) of these codes are referenced as system test indices from the factory. The following codes can be used to test the functionality of the V.A.T.S. system and logic board controller.

FACTORY DEFAULT TEST CODES

Message index	Code
TEST MESSAGE 01	A - A - B - B - A - A
TEST MESSAGE 02	B - A - A - A - A - B
TEST MESSAGE 03	B - B - B - A - B - A

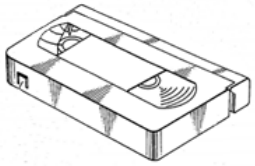
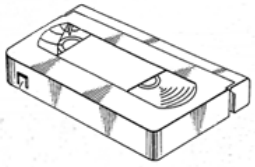
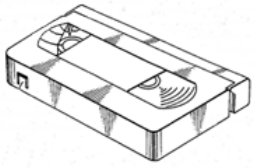
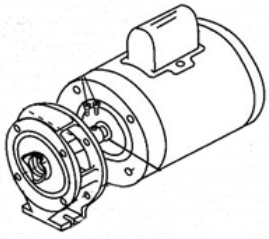
WARNING: Upon fault detection only factory default test codes are recognized. Any input other than the factory default test codes will disable user controls.

SERVICE

A full list of service suppliers can be located in the full red-book technical manual included with your V.A.T.S. unit. For additional service contact the central IPCS service location to assist you in the purchase of a new unit.

PARTS ORDERING

Standard components and special components used in the V.A.T.S. unit can be obtained from the factory. The common parts list below is provided for quick reference:

	Items	Part no
	V.A.T.S. TAPE CARTRIDGE - BLANK	001B-TC0001
	V.A.T.S. TAPE CARTRIDGE - TEST PUBLIC SERVICE ANNOUNCEMENTS	001B-TC0002
	V.A.T.S. TAPE CARTRIDGE - TEST ANNOUNCEMENTS FOR THE DEAF	001B-TC0003
	THERMAL SELF DETONATION DEVICE REV. 4	001B-TSDD01.4
	AUTOMATION ENCOURAGEMENT HAMMER	00-AEH-0001

NOTES

2/27/80 monthly maint as scheduled

3/23/80 monthly maint

4/30/80 monthly maint

5/02/80 gave it the hammer

5/22/80 monthly maint

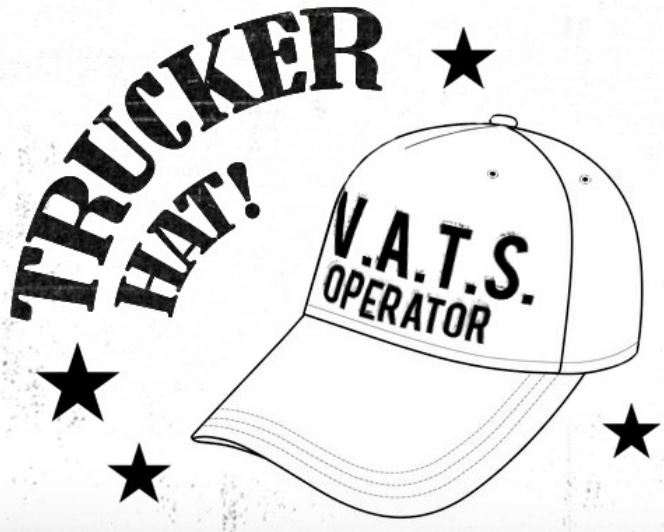
5/23/80 gave it the hammer again

5/25/80 gave it MORE hammer

5/26/80 something is... strange

ALL YOURS WITH ANY CONTAINMENT APPLIANCE PURCHASE – GENUINE & OFFICIAL

V.A.T.S. OPERATOR TRUCKER HAT



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NAME _____

ADDRESS _____

CITY, STATE, ZIP _____

*While Limited Supplies Last

TECHNICAL WARRANTY

IPCS WARRANTS EACH INSTRUMENT MANUFACTURED AND SOLD BY AUTHORIZED AGENTS. EACH DEVICE SHALL BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP. PRODUCTS WILL PERFORM WITHIN SPECIFICATIONS FOR A PERIOD OF NO LESS THAN FIVE (5) YEARS BEFORE PARTS INTENTIONALLY DESIGNED TO FAIL EARLY WILL SELF-TERMINATE. IPCS IS OBLIGATED UNDER THIS WARRANTY, AND LIMITED TO, CHARGING A CONSULTATION FEE OF NO LESS THAN $25,000 USD FOR INSPECTION AND DIAGNOSIS OF PRODUCTS FOUND SERVICEABLE BEYOND THE FIVE (5) YEAR PRODUCT LIFE WINDOW.

IPCS RESERVES THE RIGHTS TO DISCONTINUE INSTRUMENTS WITHOUT NOTICE AND TO MAKE MODIFICATIONS IN DESIGN AT ANY TIME INCLUDING, BUT NOT LIMITED TO REMOTE DETONATION, DESTRUCTION AND TERMINATION BY INCENDIARY SELF DESTRUCTION.

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